

Electric Generating Unit Standard Permit Technical Review

Company	Fort Worth Power Core LLC	Registration Number	179979
City	Panhandle	Project Number	392345
County	Carson	Regulated Entity Number	RN112202957
Project Type	Standard Permit Application	Customer Reference Number	CN606278281
Project Reviewer	Matison Rhodes	Project Received Date	April 28, 2025
Site Name	Carson County Power Plant		

Project Description
<p>Fort Worth Power Core, LLC (FWPC) has acquired property in Panhandle, Carson County, Texas, and plans to construct and operate an electric generating power plant to generate power for sale. FWPC is submitting this Air Quality Standard Permit for Electric Generating Units permit registration, to authorize the construction of the proposed electrical generating facility.</p> <p>The proposed facility will be a combined cycle power plant consisting of two blocks, blocks 1 and 2, each of which will contain three gas-fired combustion turbine generators (CTGs) and one heat recovery steam generator (HRSG). Each CTG will be nominally rated at 62 megawatts (MW) of electrical power. The three CTGs per block feed one steam turbine generator, which will produce up to roughly 223 MW of electric power per block (446 MW site-wide). The company requests an annual site-cap based on annual emissions of 5 turbines operating simultaneously at 8,760 hours per year. Facilities and emissions authorized with this permit registration include turbine combustion, turbine startup and shutdown, turbine and generator vent and hydraulic oil, and fugitive equipment emissions.</p> <p>The company has provided site-wide demonstration that they are not applicable to major source permitting requirements.</p>

Compliance History Evaluation	
A compliance history report was reviewed on:	May 15, 2025
Site rating & classification:	N/A
Company rating & classification:	Unclassified
If site was rated unsatisfactory, what action(s) occurred as a result: (i.e. changes to permit, reduced renewal period, etc.)	N/A

General Rules Check	Comments
Does the project trigger PSD or NA review?	* No
Is the facility taking an operational limit to meet the Standard Permit? If yes, describe how this project is not circumventing major NSR permitting. (30 TAC §116.110)	* Yes <i>The EGUs turbines will be limited to 43,800 total hours of operation.</i>

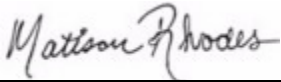
Standard Permit Rules Check	Comments
Type of unit being authorized	*Engine(s) *Turbine(s)
Fees	* ≥ 1 MW \$900
Fuel	* Natural gas (<10 grains total sulfur per 100 dscf)
NO _x emission limitation (in lb/MWh)	* West Texas * >10 MW per unit * >300 hrs/yr – 0.14 lb/MWhr

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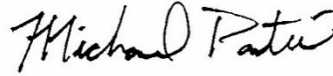
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Maintenance, Startup, and Shutdown	Maintenance activities will be authorized either by PBR or De Minimis. Emissions from planned startup and shutdown will be authorized by this permit. Combustion emission factors used when developing the standard permit included enough conservatism to account for incidental increases that could occur during startup and shutdown.
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06/11/25

Project Reviewer
Matison Rhodes



06/11/25

Section Manager
Michael Partee

Date